

**In the Claims:**

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) An apparatus for examination of images, comprising:  
having an image storage device (10) which is designed to store image data for one or more images to be evaluated,  
a display device (22) which is designed to display the image data,  
an input device (23) for a subject[[,]] which is designed to interrogate visualization data,  
a control device (24) which connects the ~~abovementioned~~ image storage, display and input devices to one another,  
a data matching device (30) for matching image data and visualization data, ~~as well as~~  
and  
an evaluation device (41) for calculation of a visualization profile, ~~with the visualization data comprising position data which is transmitted from the input device (23),~~  
wherein the input device (23) ~~has~~ comprises a pointing appliance (24), ~~with the pointing appliance (24) being~~ designed such that it is may be moved manually by ~~the a~~ a subject for pointing, and the input device (23) ~~interacting interactively~~ is configured to interact with a marking (20) such that the position of the pointing appliance (24) is displayed by ~~means of the marking (20) on the display device (22).~~

2. (Currently Amended) The apparatus as claimed in claim 1, wherein the pointing appliance (24) is a computer mouse.

3. (Currently Amended) The apparatus as claimed in claim 1, wherein the pointing appliance (24) is a light pointer or a light pen.

4. (Currently Amended) The apparatus as claimed in ~~one of the preceding claims~~ claim 1, 2 or 3, wherein two or more input devices (23) with pointing appliances (24) are provided.

5. (Currently Amended) The apparatus as claimed in ~~one of the preceding claims~~ claim 1, 2 or 3, ~~wherein further comprising an evaluation module that is physically separate from the input device (23) together with the pointing appliances (24) is arranged physically separately from an evaluation module (3), and is connected to it thereto~~ via a data network, in particular a

~~LAN or a WAN.~~

6. (Currently Amended) The apparatus as claimed in ~~one of the preceding claims~~ claim 1, 2 or 3, wherein the control device (24) ~~has~~ comprises an event detector (28), ~~which is designed to record the position data when a specific event occurs.~~

7. (Currently Amended) The apparatus as claimed in claim 6, wherein ~~the event detector (28) is designed such that~~ the specific event is the operation of a button on the pointing appliance (24).

8. (Currently Amended) The apparatus as claimed in claim 6, wherein ~~the event detector (28) is designed such that~~ the specific event is the pointing appliance (24) being at rest.

9. (Currently Amended) The apparatus as claimed in ~~one of the preceding claims~~ claim 1, 2 or 3, wherein further comprising a conversion module (29) ~~is provided~~ for transformation of position data from an appliance-specific coordinate system to an appliance-independent coordinate system:

10. (Currently Amended) A method for examination of images, ~~having the following steps comprising:~~

~~storage (53) of~~ storing image data for an image to be examined[[,]] in a memory device,

~~display (55) of~~ displaying the image,

~~determination of~~ determining a position from data supplied from an input device (23) by interrogating position data from a pointing appliance which is moved manually by a subject,

displaying interactively a marking for the position of the pointing appliance,

~~evaluation (58)~~ evaluating by matching image data and position data, and ~~by calculation of~~

calculating a visualization profile (73, 74),

~~wherein the determination of the position comprises an interrogation of position data from a pointing appliance (24) which is moved manually by the subject, and wherein a marking (20) for the position of a pointing appliance (24) is displayed (56) interactively.~~

11. (Currently Amended) The method as claimed in claim 10, ~~distinguished by~~ interrogation of further comprising interrogating an event detector (28) for operation of the

pointing appliance (24) and ~~storage (56) of~~ storing the position data on operation of the pointing appliance (24) in an event-based file.

12. (Currently Amended) The method as claimed in claim 11, wherein the event detector (28) evaluates button operation on the pointing appliance (24).

13. (Currently Amended) The method as claimed in claim 10 or 11, wherein the event detector (28) monitors the movements of the pointing appliance (24) and is triggered when the pointing appliance (24) comes to rest.

14. (Currently Amended) The method as claimed in ~~one of claims 10 to 13~~ claim 10 or 11, wherein a computer mouse is used as the pointing appliance (24).

15. (Currently Amended) The method as claimed in ~~one of claims 10 to 13~~ claim 10 or 11, wherein a light pointer or a light pen is used as the pointing appliance (24).

16. (Currently Amended) The method as claimed in ~~one of claims 10 to 13~~ claim 10 or 11, wherein the input device (23) ~~together with the pointing appliance (24) transmits~~ transmit the position data via a data network, ~~in particular a LAN or WAN,~~ to an evaluation module (3).

17. (Canceled)

18. (New) The apparatus as claimed in claim 5, wherein the data network is a LAN or a WAN.

19. (New) The apparatus as claimed in claim 5, wherein the control device comprises an event detector designed to record the position data when a specific event occurs.

20. (New) The apparatus as claimed in claim 5, further comprising a conversion module for transformation of position data from an appliance-specific coordinate system to an appliance-independent coordinate system.

21. (New) The apparatus as claimed in claim 6, further comprising a conversion module for transformation of position data from an appliance-specific coordinate system to an appliance-independent coordinate system.